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L Number	Hits	Search Text	DB	Time stamp
4	679	file\$3 adj manager and ((physical adj unit\$2) or (hard adj disk\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:08
5	37	(file\$3 adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:08
6	37	(file\$3 adj manager and ((physical adj unit\$2) or (hard adj disk\$2))) and ((file\$3 adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:08
7	62	file\$3 same prior\$5 same (different adj (disk or storage\$2 or unit\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:09
8	0	((file\$3 adj manager and ((physical adj unit\$2) or (hard adj disk\$2))) and ((file\$3 adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4)) and (file\$3 same prior\$5 same (different adj (disk or storage\$2 or unit\$2)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:09
9	37	(file\$3 adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:09
10	0	( ((file\$3 adj manager and ((physical adj unit\$2) or (hard adj disk\$2))) and ((file\$3 adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4)) and (file\$3 same prior\$5 same (different adj (disk or storage\$2 or unit\$2)))) and ((file\$3 adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:09
-	801	file adj manager	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 10:33
-	53	(file adj manager) same prior\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 14:53
-	2	((file adj manager) same prior\$5) same modi\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/01 14:22
-	576	707/203.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/04 13:17
-	13	707/203.ccls. and (file adj manager)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/01 14:59
-	22	table near5 (file adj manager)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/01 15:18

-	423	707/205.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/01 15:42
-	23	707/205.ccls. and (file adj manager)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/01 15:42
-	273	file adj manager and ((physical adj unit\$2) or (hard adj disk\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:08
-	50	file adj manager same((physical adj unit\$2) or (hard adj disk\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/04 09:56
-	7	(file adj manager same((physical adj unit\$2) or (hard adj disk\$2))) and priori\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:09
-	8	table same (file adj manager) same prior\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/04 10:53
-	7	("same" adj file\$2) same (different adj (disk or storage\$2 or unit\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/04 11:19
-	31	file\$2 same prior\$5 same (different adj (disk or storage\$2 or unit\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/08/11 16:08
-	787	707/200.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/03/04 13:17
-	3979	version\$1 near5 file\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 13:54
-	1319	(version\$1 near5 file\$1) and (file\$1 near5 manag\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 13:54
-	503	((version\$1 near5 file\$1) and (file\$1 near5 manag\$5)) and (stor\$4 near10 pluralit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 13:56
-	437	((version\$1 near5 file\$1) and (file\$1 near5 manag\$5)) and (stor\$4 near5 pluralit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 13:56

-	27	((version\$1 near5 file\$1) and (file\$1 near5 manag\$5)) and (stor\$4 near5 pluralit\$4)) and (physic\$4 near5 unit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 14:53
-	890	(file\$1 near5 manage\$4) same prior\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 14:54
-	31	((file\$1 near5 manage\$4) same prior\$5) and (logic\$4 near5 path\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 14:57
-	39	((file\$1 near5 manage\$4) same prior\$5) same version\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:07
-	26391	(file\$1 or tabl\$2) near7 priori\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:09
-	10399	file\$1 near5 priorit\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:08
-	31	((file\$1 or tabl\$2) near7 priori\$4) same path\$1) same access\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:12
-	121	file\$1 near5 access\$4 near5 priorit\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:14
-	324	((file\$1 or tabl\$2) near7 priori\$4) and (access\$4 near5 path\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:14
-	3	(file\$1 near5 access\$4 near5 priorit\$4) and (logic\$3 near5 path\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:15
-	22	(file\$1 near5 access\$4 near5 priorit\$4) same (table\$1 or list\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/09/13 15:23
-	11	table\$1 near5 priorit\$3 near5 physic\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:38
-	3	(table\$1 near5 priorit\$3 near5 physic\$3) and version\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:21

-	245	table\$1 near5 priorit\$3 near5 unit\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:23
-	1	(table\$1 near5 priorit\$3 near5 unit\$3) and (unit\$1 near5 version\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:37
-	2	table\$1 near5 priorit\$3 near5 physic\$3 near5 unit\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:40
-	7	table\$1 near5 "same" near5 file\$1 near7 physic\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:54
-	2	5649196.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/01/14 10:54
-	3329	file\$1 near3 manager\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 15:03
-	19546	file\$1 near3 manag\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 15:03
-	365	(file\$1 near3 manag\$6 ) and (file\$1 near5 physical near4 (path\$1 location\$1 director\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 15:08
-	115	((file\$1 near3 manag\$6 ) and (file\$1 near5 physical near4 (path\$1 location\$1 director\$4))) and (version\$4 near5 file\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 15:07
-	488	(file\$1 near3 manag\$6 ) and (file\$1 near5 (physical hard) near4 (path\$1 location\$1 director\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/12 15:09
-	35	((file\$1 near3 manag\$6 ) and (file\$1 near5 (physical hard) near4 (path\$1 location\$1 director\$4))) and (table\$1 same version\$1 near5 file\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:04
-	1327	(file\$1 near3 manag\$6 near3 table\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:05
-	216	((file\$1 near3 manag\$6 near3 table\$1) ) and (table\$1 near5 file\$1 near5 (physical disk hard))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:07

-	11	(( (file\$1 near3 manag\$6 near3 table\$1) ) and (table\$1 near5 file\$1 near5 (physical disk hard))) and (version near4 file\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:10
-	4784	version near4 file\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:18
-	833	707/203.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:19
-	225	(version near4 file\$1) and 707/203.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 10:25
-	3	((version near4 file\$1) and 707/203.ccls.) and (file\$1 near5 (path director\$3) near5 (physical hard disk\$1) near5 (locat\$3 address\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 11:09
-	3	((version near4 file\$1) and 707/203.ccls.) and (file\$1 near5 (path\$2 director\$3) near5 (physical hard disk\$1) near5 (locat\$3 address\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/13 11:10
-	9	table\$1 near7 priorit\$3 near5 list\$3 near5 (physical unit\$1 hard disk volum\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/06/25 13:30
-	1	(table\$1 near10 priorit\$3 near10 ((physical\$4 near4 unit\$1) disk\$2 volum\$4 hard\$3 meduim\$4 dirve\$2)) and ((path\$3 director\$3 locat\$4) near10 version near5 file\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 14:26
-	9	(table\$1 near10 priorit\$3 near10 ((physical\$4 near4 unit\$1) disk\$2 volum\$4 hard\$3 meduim\$4 dirve\$2)) and (version\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 14:27
-	70	table\$1 near10 priorit\$3 near10 ((physical\$4 near4 unit\$1) disk\$2 volum\$4 hard\$3 meduim\$4 dirve\$2)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 14:37
-	24667	file\$1 near4 manag\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 14:38
-	5409	(file\$1 near4 manag\$6) and (file\$2 near5 (path\$4 director\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 14:39
-	82	((file\$1 near4 manag\$6) and (file\$2 near5 (path\$4 director\$4))) AND ((file\$1 near5 version\$) same (file\$1 near5 attribut\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 14:40

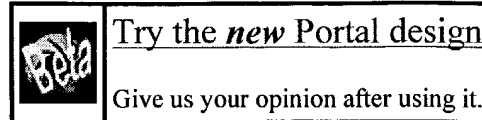
-	81	((file\$1 near4 manag\$6) and (file\$2 near5 (path\$4 director\$4))) AND ((file\$1 near5 version\$) same (file\$1 near5 attribut\$3))) and (physcal\$4 drive\$3 unit volumn\$2 hard disk\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 15:04
-	14758	(path\$2 director\$4) near5 table\$2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 15:06
-	111	((path\$2 director\$4) near5 table\$2 ) and ((volume\$1 hard\$3 drive disk\$1) near5 priorit\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 15:08
-	10	((path\$2 director\$4) near5 table\$2 ) and ((volume\$1 hard\$3 drive disk\$1) near5 priorit\$4)) and (file\$3 near7 version\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/19 15:09
-	1012	file\$2 near10 (path\$1 director\$3) near10 attribut\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 09:22
-	250	(file\$2 near10 (path\$1 director\$3) near10 attribut\$4) and (version\$1 near5 file\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 09:24
-	245	((file\$2 near10 (path\$1 director\$3) near10 attribut\$4) and (version\$1 near5 file\$1)) and ((physical\$3 unit\$2 volume\$3 dirvie\$2 disk\$2) near10 path\$3 director\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 09:27
-	153	((file\$2 near10 (path\$1 director\$3) near10 attribut\$4) and (version\$1 near5 file\$1)) and ((physical\$3 unit\$2 volume\$3 dirvie\$2 disk\$2) near10 (path\$3 director\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 09:28
-	128	((file\$2 near10 (path\$1 director\$3) near10 attribut\$4) and (version\$1 near5 file\$1)) and ((physical\$3 unit\$2 volume\$3 dirvie\$2 disk\$2) near10 (path\$3 director\$4))) and (file near5 manag\$5)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:11
-	0	file\$3 near5 version4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:12
-	6170	file\$3 near5 version\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:39
-	5291	(file\$3 near5 version\$4) and ((sav\$3 stor\$3 locat\$3) near5 different (physic\$4 disk\$2 unit\$4 drive\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:41
-	321	(file\$3 near5 version\$4) and ((sav\$3 stor\$3 locat\$3) near5 different near5 (physic\$4 disk\$2 unit\$4 drive\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:44

-	64	((file\$3 near5 version\$4) and ((sav\$3 stor\$3 locat\$3) near5 different near5 (physic\$4 disk\$2 unit\$4 drive\$1))) and (director\$4 near5 "same")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:57
-	6424415	version\$1 near5 file\$1 near10 (sav\$3 stor\$4 locat\$3) near5 different (disk\$3 driv\$4 unit\$12)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 10:59
-	6	version\$1 near5 file\$1 near10 (sav\$3 stor\$4 locat\$3) near5 different near5 (disk\$3 driv\$4 unit\$12)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 13:46
-	3396	network near3 file near3 system	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 13:47
-	526	(network near3 file near3 system) and (file\$ near5 attribut\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 13:47
-	208	((network near3 file near3 system) and (file\$ near5 attribut\$3)) and (version\$ near5 file\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 13:48
-	175	((network near3 file near3 system) and (file\$ near5 attribut\$3)) and (version\$ near5 file\$1)) and (physical\$3 unit\$4 node\$1 disk\$2) near5 (locat\$4 address\$3 path\$2 director\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 13:50
-	28	((network near3 file near3 system) and (file\$ near5 attribut\$3)) and (version\$ near5 file\$1)) and (physical\$3 unit\$4 node\$1 disk\$2) near5 (locat\$4 address\$3 path\$2 director\$3)) and (table\$1 near5 identif\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 13:59
-	3933	director\$4 near5 table\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:01
-	14681	(director\$4 path\$1) near5 table\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:01
-	948	((director\$4 path\$1) near5 table\$1) and (physical\$3 near5 (director\$3 PATH\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:01
-	9	((director\$4 path\$1) near5 table\$1) and (physical\$3 near5 (director\$3 PATH\$3))) AND (version near5 "same" near5 file\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:07
-	339	physical\$1 near5(path director\$4) near5 file	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:08



-	339	physical\$1 near5 (path director\$4) near5 file	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:08
-	56	(physical\$1 near5 (path director\$4) near5 file) and (file near4 version\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:47
-	1498	(sav\$4 stor\$4 locat\$3) near5 version\$1 near5 file\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:49
-	13	((sav\$4 stor\$4 locat\$3) near5 version\$1 near5 file\$4) same ((path\$1 director\$3) near5 "same")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:57
-	915	707/203.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 14:58
-	255	707/203.ccls. and (file\$1 near5 version\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 15:00
-	45	707/203.ccls. and (file\$1 near5 version\$4) and ((path\$1 director\$4) near5 "same")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/20 15:01
-	2	5590320.pn. and ("same" same (path\$2 director\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 13:23
-	2	5590320.pn. and ("same" same ( director\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/11/25 13:23
-	511	priorit\$4 near4 (table\$3 list\$3 file\$3) near9 (disk\$3 volum\$3 driv\$4 database\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 10:36
-	1402	priorit\$4 near4 (table\$3 list\$3 file\$3) near9 (disk\$3 volum\$3 driv\$4 database\$4 unit\$4 physical\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 10:36
-	1	(priorit\$4 near4 (table\$3 list\$3 file\$3) near9 (disk\$3 volum\$3 driv\$4 database\$4 unit\$4 physical\$4) ) and (version\$4 near5 file\$3) near5 different near5 (unit\$4 vloum\$3 driv\$4 disk\$3 physical\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 10:39
-	9	(priorit\$4 near4 (table\$3 list\$3 file\$3) near9 (disk\$3 volum\$3 driv\$4 database\$4 unit\$4 physical\$4) ) and (version\$4 near5 file\$3) near5 (unit\$4 vloum\$3 driv\$4 disk\$3 physical\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 10:40

-	11	priorit\$ near4 (unit disk volum physical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 13:21
-	11161	priorit\$ near4 (unit disk volum physical)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 13:21
-	14466	priorit\$ near4 (unit\$2 disk\$3 volum\$3 physical\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 13:21
-	10	((priorit\$ near4 (unit\$2 disk\$3 volum\$3 physical\$3)) and (version\$3 near5 file\$3)) and malfunction\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 13:22
-	60	(priorit\$ near4 (unit\$2 disk\$3 volum\$3 physical\$3)) and (version\$3 near5 file\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/05/11 13:24



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### 1 Planning student laboratories—what isn't new? 77



Lisa Covi

**Proceedings of the 16th annual ACM SIGUCCS Conference on User Services** October 1988

Planning a computer lab is a complex project on any campus. Most planners start from scratch because either they aren't aware that others have done it already, they believe that their situation is unique or they just don't have time to investigate efforts elsewhere. Even when planning a second lab, technical, political and environmental constraints change so much that the methods used for the first lab do not apply to the second. Columbia University Center for Computing Activities ...

### 2 An overview of logic synthesis systems 77



L. Trevillyan

**Proceedings of the 24th ACM/IEEE conference on Design automation** October 1987

The term logic synthesis is used to describe systems that range from relatively simple mapping schemes to tools with sophisticated logic optimizations. In this tutorial, the requirements on logic synthesis systems will be discussed and the advantages and disadvantages of different approaches to logic synthesis will be presented.

### 3 Java annotation-aware just-in-time (AJIT) compilation system 77



Ana Azevedo , Alex Nicolau , Joe Hummel

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### 1 Planning student laboratories—what isn't new?

77



Lisa Covi

**Proceedings of the 16th annual ACM SIGUCCS Conference on User Services** October 1988

Planning a computer lab is a complex project on any campus. Most planners start from scratch because either they aren't aware that others have done it already, they believe that their situation is unique or they just don't have time to investigate efforts elsewhere. Even when planning a second lab, technical, political and environmental constraints change so much that the methods used for the first lab do not apply to the second. Columbia University Center for Computing Activities ...

### 2 Java annotation-aware just-in-time (AJIT) compilation system

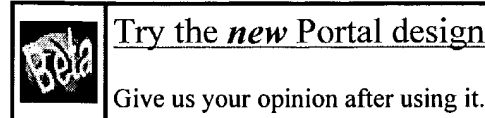
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Ana Azevedo , Alex Nicolau , Joe Hummel

**Proceedings of the ACM 1999 conference on Java Grande** June 1999

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- 1** Technical correspondence: Representing change by aspect 80

 Peter Dolog , Valentino Vranić , Mária Bieliková  
**ACM SIGPLAN Notices** December 2001  
Volume 36 Issue 12  
We propose the application of aspectoriented programming to software configuration management. We believe it could improve the change control by providing a new basis for reasoning about a change. To demonstrate this, we designed an abstract-oriented extension to procedural languages where a change is represented by an aspect. Consequently, a change gains the properties of an aspect: it becomes well-localized and separated from the (unchanged) base program. This goes beyond the current capabilit ...
- 2** E-commerce: SweetDeal: representing agent contracts with exceptions using XML 77

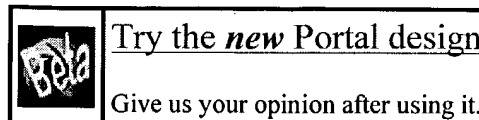
 rules, ontologies, and process descriptions  
Benjamin N. Grosz , Terrence C. Poon  
**Proceedings of the twelfth international conference on World Wide Web** May 2003  
SweetDeal is a rule-based approach to representation of business contracts that enables software agents to create, evaluate, negotiate, and execute contracts with substantial automation and modularity. It builds upon the situated courteous logic programs knowledge representation in RuleML, the emerging standard for Semantic Web XML rules. Here, we newly extend the SweetDeal approach by also incorporating process knowledge descriptions whose ontologies are represented in DAML+OIL (emerging standa ...
- 3** Mirage: a coherent distributed shared memory design 77

 B. Fleisch , G. Popek  
**ACM SIGOPS Operating Systems Review , Proceedings of the twelfth ACM symposium on Operating systems principles** November 1989  
Volume 23 Issue 5.  
Shared memory is an effective and efficient paradigm for interprocess communication. We are concerned with software that makes use of shared memory in a single site system and its extension to a multimachine environment. Here we describe the design of a distributed shared memory (DSM) system called Mirage developed at UCLA. Mirage provides a form of network transparency to make network boundaries invisible for shared memory and is upward compatible with an existing interfac ...
- 4** An object oriented approach to CAD tool control within a design framework 77

-  J. Daniell , S. W. Director  
**Proceedings of the 26th ACM/IEEE conference on Design automation** June 1989  
As VLSI design frameworks evolve, a distributed control mechanism for CAD tools has become a central research issue. In this paper, we present an object oriented tool integration methodology that treats the tools as objects. This approach simplifies CAD tool control within a design framework making the framework more general, easier to use, and more capable of supporting a large population of CAD tools.
- 5** The Howitzer improvement program: lessons learned 77  
 D. Krantz  
**Proceedings of the conference on Tri-Ada '89: Ada technology in context: application, development, and deployment** January 1989
- 6** A structural view of the Cedar programming environment 77  
 Daniel C. Swinehart , Polle T. Zellweger , Richard J. Beach , Robert B. Hagmann  
**ACM Transactions on Programming Languages and Systems (TOPLAS)** August 1986  
Volume 8 Issue 4  
This paper presents an overview of the Cedar programming environment, focusing on its overall structure—that is, the major components of Cedar and the way they are organized. Cedar supports the development of programs written in a single programming language, also called Cedar. Its primary purpose is to increase the productivity of programmers whose activities include experimental programming and the development of prototype software systems for a high-performance personal computer. T ...
- 7** Replacing version-control with job-control 77  
 G. M. Clemm  
**ACM SIGSOFT Software Engineering Notes , Proceedings of the 2nd International Workshop on Software configuration management** October 1989  
Volume 14 Issue 7  
Version-control is a mechanism for managing the multiple versions of the software objects that are created during the software development process. Traditionally, version-control consists of providing tools for generating a branching tree of versions, with facilities for reserving a given version for modification. In the Workshop System the focus of version-control is shifted from the objects produced during the software process to the software process itself. Objects called jobs
- 8** Microarchitecture modelling through ADL 77  
 E. S.T. Fernandes  
**Proceedings of the 21st annual workshop on Microprogramming and microarchitecture** January 1988  
ADL is an Architecture Description Language that has been developed to model computer architectures at different levels of detail, as for instance, at the microarchitecture level. Target architectures described in ADL are processed by the support system of the language which generates an interpreter program related to the description of the target machine. The interpreter reproduces the behavior of the architecture being modeled, including the interpretation of the target code.
- 9** Live documents with contextual, data-driven information components 77  
 Anke Weber , Holger M. Kienle , Hausi A. Müller  
**Proceedings of the 20th annual international conference on Computer documentation** October 2002  
We introduce the notion of a live document and we describe our concept of live documents with contextual, data driven information components. The dynamic and interactive features of live documents provide a consistent data source for multimedia presentations targeted to various audiences and multiple platforms. Therefore, they contribute to the solution of key challenges in single sourcing and repurposing. We motivate the use of live documents with sample scenarios from the field of systems docu ...

- 10** Caching: A multicast-based distributed file system for the internet 77  
 Björn Grönvall , Ian Marsh , Stephen Pink  
**Proceedings of the 7th workshop on ACM SIGOPS European workshop: Systems support for worldwide applications** September 1996  
JetFile is a file system designed with multicast as its distribution mechanism. The goal is to support a large number of clients in an environment such as the Internet where hosts are attached to both high and low speed networks, sometimes over long distances. JetFile is designed for reduced reliance on servers by allowing client-to-client updates using scalable reliable multicast. Clients on high speed networks prefetch large numbers of files. On low speed networks such as wireless, special cac ...
- 11** Chimera: hypermedia for heterogeneous software development environments 77  
 Kenneth M. Anderson , Richard N. Taylor , E. James Whitehead  
**ACM Transactions on Information Systems (TOIS)** July 2000  
Volume 18 Issue 3  
Emerging software development environments are characterized by heterogeneity: they are composed of diverse object stores, user interfaces, and tools. This paper presents an approach for providing hypermedia services in this heterogeneous setting. Central notions of the approach include the following: anchors are established with respect to interactive views of objects, rather than the objects themselves; composable, n-ary links can be established between a ...
- 12** Session summaries from the 17th symposium on operating systems principle 77  
 (SOSP'99)  
Jay Lepreau , Eric Eide  
**ACM SIGOPS Operating Systems Review** April 2000  
Volume 34 Issue 2
- 13** Version models for software configuration management 77  
 Reidar Conradi , Bernhard Westfechtel  
**ACM Computing Surveys (CSUR)** June 1998  
Volume 30 Issue 2  
After more than 20 years of research and practice in software configuration management (SCM), constructing consistent configurations of versioned software products still remains a challenge. This article focuses on the version models underlying both commercial systems and research prototypes. It provides an overview and classification of different versioning paradigms and defines and relates fundamental concepts such as revisions, variants, configurations, and changes. In particular, we foc ...
- 14** Chimera: hypertext for heterogeneous software environments 77  
 Kenneth M. Anderson , Richard N. Taylor , E. James Whitehead  
**Proceedings of the 1994 ACM European conference on Hypermedia technology** September 1994  
Emerging software development environments are characterized by heterogeneity: they are composed of diverse object stores, user interfaces, and tools. This paper presents an approach for providing hypertext services in this heterogeneous setting. Central notions of the approach include the following. Anchors are established with respect to interactive views of objects, rather than the objects themselves. Composable, n-ary links can be established between an ...
- 15** The O2 system 77  
 O. Deux  
**Communications of the ACM** October 1991  
Volume 34 Issue 10





## Search Results

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- 1** A multidimensional digital hashing scheme for files with composite keys 80

 Ekow J. Otoo  
**ACM SIGMOD Record , Proceedings of the 1985 ACM SIGMOD international conference on Management of data** May 1985  
Volume 14 Issue 4
- 2** The Felix File Server 77

 M. Fridrich , W. Older  
**Proceedings of the eighth ACM symposium on Operating systems principles** December 1981  
This paper describes Felix - a File Server for an experimental distributed multicomputer system. Felix is designed to support a variety of file systems, virtual memory, and database applications with access being provided by a local area network. Its interface combines block oriented data access with a high degree of crash resistance and a comprehensive set of primitives for controlling data sharing and consistency. An extended set of access modes allows increased concurrency over conventio ...
- 3** Chip assemblers: Concepts and capabilities 77

 Randy H. Katz , Shlomo Weiss  
**Proceedings of the 20th conference on Design automation** June 1983  
A chip assembler is a tool for managing design information. It encourages a structured design methodology, wherein a design is described by a collection of hierarchical design decompositions, one for each of its representations. It assists in the enforcement of consistency constraints up, down, and across the different hierarchies. We argue that a chip assembler, as an integrated design environment, requires an integrated approach for the management of design data. We describe what a chip a ...
- 4** A structural view of the Cedar programming environment 77


 Daniel C. Swinehart , Polle T. Zellweger , Richard J. Beach , Robert B. Hagmann  
**ACM Transactions on Programming Languages and Systems (TOPLAS)** August 1986  
Volume 8 Issue 4  
This paper presents an overview of the Cedar programming environment, focusing on its overall structure—that is, the major components of Cedar and the way they are organized. Cedar supports the development of programs written in a single programming language, also called Cedar. Its primary purpose is to increase the productivity of programmers whose activities include experimental programming and the development of prototype software systems for a high-performance personal computer. T ...

- 5** The Alpine file system 77  
 M. R. Brown , K. N. Kolling , E. A. Taft  
**ACM Transactions on Computer Systems (TOCS)** November 1985  
 Volume 3 Issue 4  
 Alpine is a file system that supports atomic transactions and is designed to operate as a service on a computer network. Alpine's primary purpose is to store files that represent databases. An important secondary goal is to store ordinary files representing documents, program modules, and the like. Unlike other file servers described in the literature, Alpine uses a log-based technique to implement atomic file update. Another unusual aspect of Alpine is that it performs all commu ...
- 6** Invited papers: Impact of the research community on the field of software 77  
 configuration management: summary of an impact project report  
 Jacky Estublier , David Leblang , Geoff Clemm , Reidar Conradi , Walter Tichy , André van der Hoek , Darcy Wiborg-Weber  
**ACM SIGSOFT Software Engineering Notes** September 2002  
 Volume 27 Issue 5  
 Software Configuration Management (SCM) is an important discipline in professional software development and maintenance. The importance of SCM has increased as programs have become larger and more complex and mission/life-critical. This paper discusses the evolution of SCM technology from the early days of software development to present and the impact university and industrial research has had along the way. It also includes a survey of the industrial state-of-the-practice and research directio ...
- 7** The Recovery Manager of the System R Database Manager 77  
 Jim Gray , Paul McJones , Mike Blasgen , Bruce Lindsay , Raymond Lorie , Tom Price , Franco Putzolu , Irving Traiger  
**ACM Computing Surveys (CSUR)** June 1981  
 Volume 13 Issue 2
- 8** Session summaries from the 17th symposium on operating systems principle 77  
 (SOSP'99)  
 Jay Lepreau , Eric Eide  
**ACM SIGOPS Operating Systems Review** April 2000  
 Volume 34 Issue 2
- 9** Disconnected operation for heterogeneous servers 77  
 Dorota M. Huizinga , Patrick Mann  
**Proceedings of the 1996 ACM symposium on Applied Computing** February 1996
- 10** Document Examiner: delivery interface for hypertext documents 77  
 Janet H. Walker  
**Proceeding of the ACM conference on Hypertext** November 1987  
 This paper describes the user interface strategy of Document Examiner, a delivery interface for commercial hypertext documents. Unlike many hypertext interfaces, Document Examiner does not adopt the directed graph as its fundamental user-visible navigation model. Instead it offers context evaluation and content-based searching capabilities that are based on consideration of the strategies that people use in interacting with paper documents.
- 11** Version models for software configuration management 77  
 Reidar Conradi , Bernhard Westfechtel  
**ACM Computing Surveys (CSUR)** June 1998  
 Volume 30 Issue 2  
 After more than 20 years of research and practice in software configuration management (SCM),

constructing consistent configurations of versioned software products still remains a challenge. This article focuses on the version models underlying both commercial systems and research prototypes. It provides an overview and classification of different versioning paradigms and defines and relates fundamental concepts such as revisions, variants, configurations, and changes. In particular, we foc ...

## 12 The Zebra striped network file system

77

 John H. Hartman , John K. Ousterhout


**ACM Transactions on Computer Systems (TOCS)** August 1995

Volume 13 Issue 3

Zebra is a network file system that increases throughput by striping the file data across multiple servers. Rather than striping each file separately, Zebra forms all the new data from each client into a single stream, which it then stripes using an approach similar to a log-structured file system. This provides high performance for writes of small files as well as for reads and writes of large files. Zebra also writes parity information in each stripe in the style of RAID disk arrays; this ...

## 13 Coupling the user interfaces of a multiuser program

77

 Prasun Dewan , Rajiv Choudhary


**ACM Transactions on Computer-Human Interaction (TOCHI)** March 1995

Volume 2 Issue 1

We have developed a new model for coupling the user interfaces of a multiuser program. It is based on an interaction model and a user interface framework that allow users and programmers, respectively, to view applications as editors of data. It consists of a semantics model, a specification model, and an implementation model for coupling. The semantics model determines (1) which properties of interaction entities created for a user are shared with corresponding interaction entities created ...

## 14 The Zebra striped network file system

77

 John H. Hartman , John K. Ousterhout


**ACM SIGOPS Operating Systems Review , Proceedings of the fourteenth ACM symposium on Operating systems principles** December 1993

Volume 27 Issue 5

Zebra is a network file system that increases throughput by striping file data across multiple servers. Rather than striping each file separately, Zebra forms all the new data from each client into a single stream, which it then stripes using an approach similar to a log-structured file system. This provides high performance for writes of small files as well as for reads and writes of large files. Zebra also writes parity information in each stripe in the style of RAID disk arrays; this increase ...

## 15 The O2 system

77

 O. Deux

**Communications of the ACM** October 1991

Volume 34 Issue 10

## 16 Reuse\_system software repository tool concepts

77

 Greg Gicca

**ACM SIGAda Ada Letters** January 1991

Volume XI Issue 1

This paper discusses a software tool called the Reuse\_System. The tool was developed using the Ada language to promote software reuse. It automates concepts designed to aid in both the storage and retrieval of existing software. Its own design emphasizes end user activities in finding and then extracting software for reuse.

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#### 1 A virtual learning environment for short age children [sic.: for 'short age' read 'young']

*Gonzalez, P.; Montero, F.; Lopez, V.; Fernandez-Caballero, A.; Montanes, J.; Sanchez, T.;*

Advanced Learning Technologies, 2001. Proceedings. IEEE International Conference on , 6-8 Aug. 2001  
Pages:283 - 284

[\[Abstract\]](#)   [\[PDF Full-Text \(196 KB\)\]](#)   **IEEE CNF**

#### 2 Modelling versions in collaborative work

*Dix, A.; Rodden, T.; Sommerville, I.;*

Software Engineering. IEE Proceedings- [see also Software, IEE Proceedings] , Volume: 144 , Issue: 4 , Aug. 1997  
Pages:195 - 205

[\[Abstract\]](#)   [\[PDF Full-Text \(1400 KB\)\]](#)   **IEE JNL**

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## 1 Rules of definitional reflection

*Schroeder-Heister, P.;*

Logic in Computer Science, 1993. LICS '93., Proceedings of Eighth Annual IEEE Symposium on , 19-23 June 1993

Pages:222 - 232

[\[Abstract\]](#)   [\[PDF Full-Text \(720 KB\)\]](#)   IEEE CNF

## 2 Extended serializability theories and their application in replicated scalable services

*Hui Liu; Junyi Shen; Qinke Peng; Minglu Li;*

Parallel and Distributed Computing, Applications and Technologies, 2003.

PDCAT'2003. Proceedings of the Fourth International Conference on , 27-29 Aug. 2003

Pages:612 - 619

[\[Abstract\]](#)   [\[PDF Full-Text \(591 KB\)\]](#)   IEEE CNF

## 3 Probability of implication, logical version of Bayes theorem, and fuzzy logic operations

*Nguyen, H.T.; Mukaidono, M.; Kreinovich, V.;*

Fuzzy Systems, 2002. FUZZ-IEEE'02. Proceedings of the 2002 IEEE International Conference on , Volume: 1 , 12-17 May 2002

Pages:530 - 535

[\[Abstract\]](#)   [\[PDF Full-Text \(459 KB\)\]](#)   IEEE CNF

## 4 Low power current mode multi-valued logic interconnect for high speed interchip communications

*Zhang, J.Q.; Long, S.I.; Ho, F.H.; Madsen, J.K.;*

Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 1995. Technical Digest 1995., 17th Annual IEEE , 29 Oct.-1 Nov. 1995

Pages:327 - 330

[\[Abstract\]](#)   [\[PDF Full-Text \(308 KB\)\]](#)   **IEEE CNF**

---

**5 Version support for engineering database systems**

*Dittrich, K.R.; Lorie, R.A.;*

Software Engineering, IEEE Transactions on , Volume: 14 , Issue: 4 , Apr 1988

Pages:429 - 437

[\[Abstract\]](#)   [\[PDF Full-Text \(736 KB\)\]](#)   **IEEE JNL**

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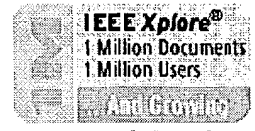
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